

Publication

EP 0873814 A4 19981028

Application

EP 95932216 A 19950925

Priority

- JP 9501921 W 19950925
- JP 1821295 A 19950206

Abstract (en)

[origin: WO9624461A1] A swivelling table device capable of changing setting of a turning angle associated with numerical control. A constitution of the swivelling table device is as follows. Power produced by a servomotor (6) is transmitted to a table body (2) through a ball screw (7) to cause turning action of the table body (2). More specifically, when the servomotor (6) rotates a given angle and the ball screw (7) advances toward the table body (2), a tip end of the ball screw (7) pushes one side surface of the table body (2) to revolve the table body (2) about a revolving shaft (5). As a turning angle of the table body (2) is in proportion to a longitudinal movement of the ball screw (7) and a rotation angle of the servomotor (6), the turning angle of the table body (2) undergoes numerical control through control of the rotation angle of the servomotor (6).

IPC 1-7

B23Q 1/25

IPC 8 full level

B23Q 1/52 (2006.01)

CPC (source: EP US)

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Citation (search report)

- [X] EP 0311820 A2 19890419 - STUDER AG FRITZ [CH]
- See references of WO 9624461A1

Cited by

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WO 9624461 A1 19960815; EP 0873814 A1 19981028; EP 0873814 A4 19981028; JP 3473957 B2 20031208; US 5988075 A 19991123

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JP 9501921 W 19950925; EP 95932216 A 19950925; JP 52412496 A 19950925; US 89411197 A 19970812